

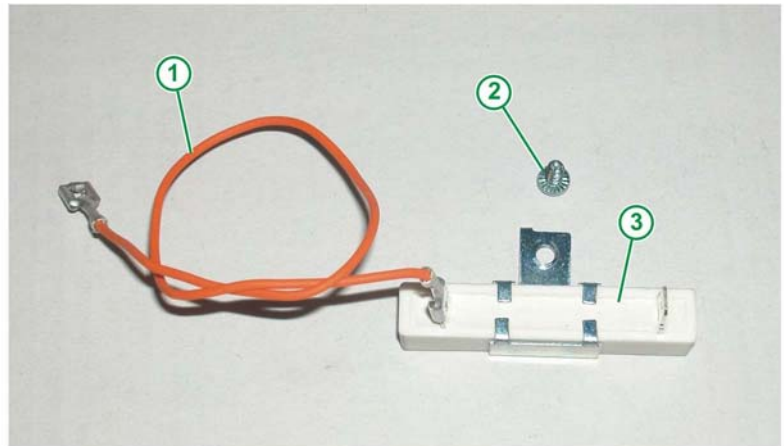
NOISY OPERATION OF SINGLE-CHANNEL TANGENTIAL COOLING FAN

If the single-channel tangential cooling fan (if fitted) is excessively noisy in operation, the noise level can be reduced by connecting a drop resistor in series with the fan.

The drop resistor is supplied together with the relative wiring and a fixing screw in kit no. **405 50 19-13/9**.

Fig. 1 KIT CODE **405 50 19-13/9**

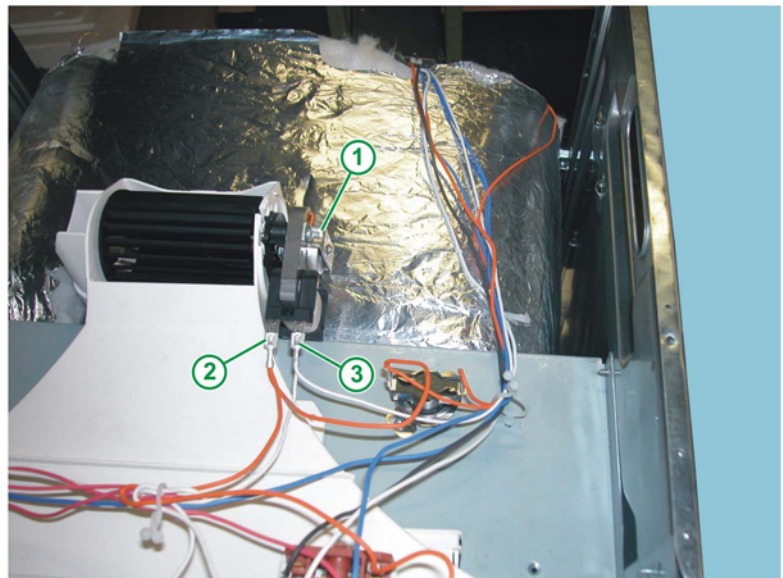
1. RESISTOR – FAN CONNECTOR CABLE
2. RESISTOR FIXING SCREW
3. DROP RESISTOR (800Ω – 20W)



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Fig. 2 ORIGINAL SITUATION

1. COOLING FAN
2. FASTON (LEFT)
3. FASTON (RIGHT)



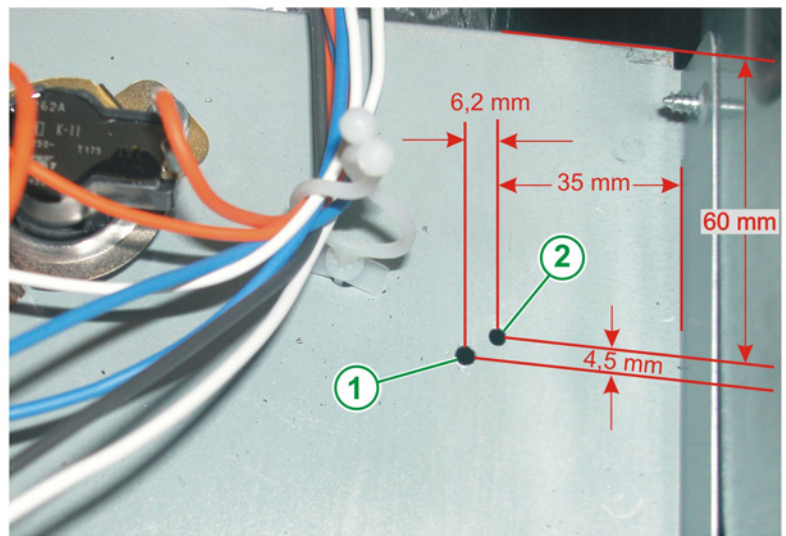
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To fit the resistor (if it is not already featured), proceed as follows:

1. Drill two holes in the sheet metal fan support in order to secure the drop resistor (see figs. 3 and 4).

Fig. 3 POSITIONS OF HOLES

1. HOLE FOR ANCHOR TAB (USE A 3.5mm DRILL BIT)
2. HOLE FOR FIXING SCREW (USE A 3mm DRILL BIT)

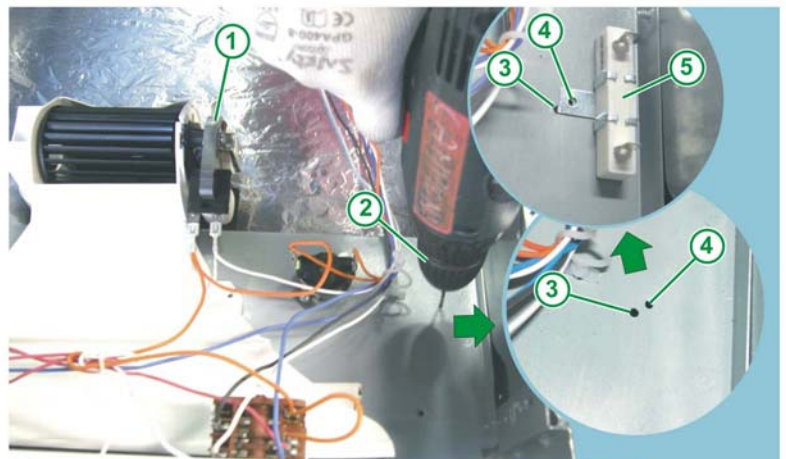


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2. Fit the drop resistor, inserting the anchor tab into the corresponding hole (see figs. 3 and 4).

Fig. 4 DRILLING THE HOLES

1. COOLING FAN
2. DRILL
3. HOLE FOR ANCHOR TAB (USE A 3.5mm DRILL BIT)
4. HOLE FOR FIXING SCREW (USE A 3mm DRILL BIT)
5. DROP RESISTOR (800Ω – 20W)

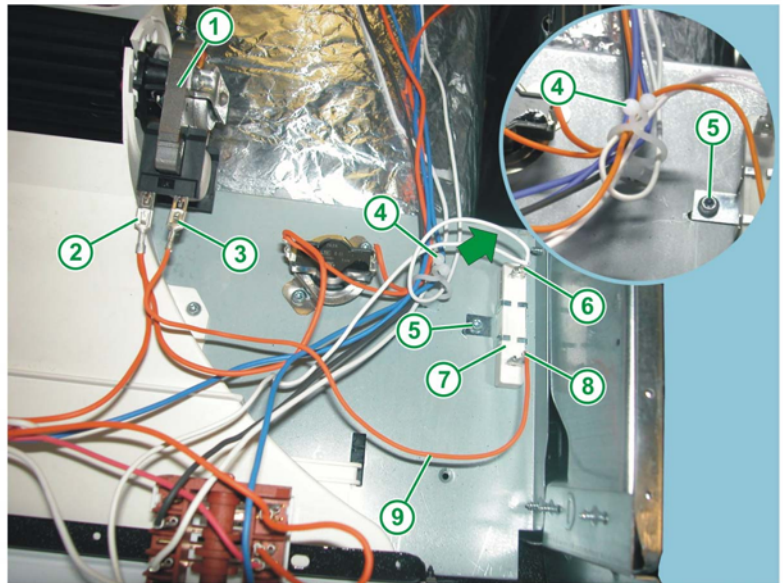


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3. Secure the drop resistor using the screw (supplied with the kit) (pos. 5, fig. 5).
4. Detach the right-hand faston from the fan and connect it to the drop resistor (pos. 3, fig. 5).
5. Connect the new wire to the right-hand fan faston (pos. 3, fig. 5) and to the drop resistor (pos. 8, fig. 5).
6. Replace the wire tie in the correct position (pos. 4, fig. 5)

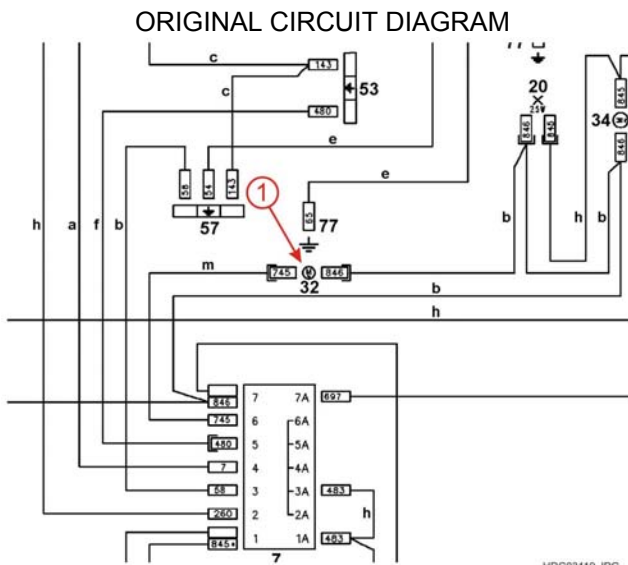
Fig. 5 SECURING THE DROP RESISTOR

1. COOLING FAN
2. LH FAN FASTON
3. RH FAN FASTON
4. WIRE TIE
5. FIXING SCREW FOR DROP RESISTOR
6. FASTON PREVIOUSLY CONNECTED TO LH FAN CONNECTOR TAB
7. DROP RESISTOR
8. FASTON ON NEW WIRE
9. NEW WIRE CONNECTING DROP RESISTOR TO FAN



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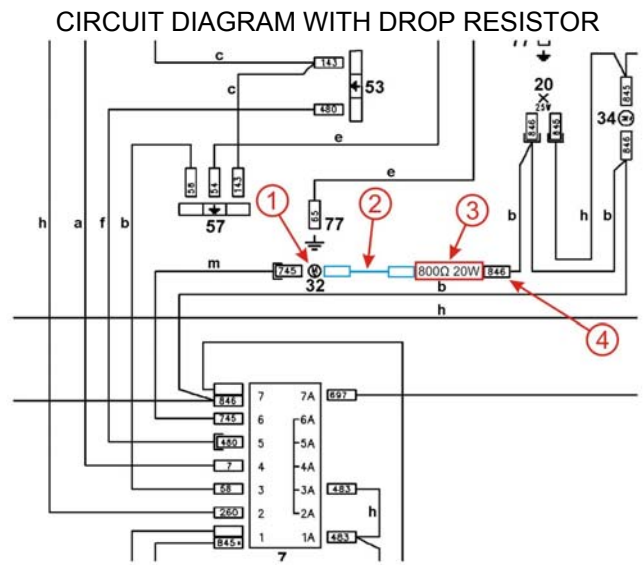
The circuit diagrams for insertion of the drop resistor are shown below:



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Fig. 6

1. COOLING FAN



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Fig. 7

1. COOLING FAN
2. WIRE (SUPPLIED IN THE KIT)
3. DROP RESISTOR (800Ω -20W) (SUPPLIED IN THE KIT)
4. FASTON PREVIOUSLY CONNECTED TO THE LH FAN CONNECTOR TAB